

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A fire-protection sprinkler support system comprising:
  - a hub ~~configured to receive a~~ for supporting and connecting a fire protection sprinkler head; ~~which is connected to~~
  - a flexible sprinkler assemblage including a flexible conduit attached to the fire protection sprinkler head;
  - a leg attached to the hub, the leg comprising an end;
  - a fastening device attached to the end of leg, the fastening device for removably attaching the leg to a T-bar grid of a suspended ceiling, the fastening device comprising:
    - a first portion having a generally vertically extending sidewall with a lower end for engaging one side of the T-bar grid;
    - a second portion spaced by a gap from the first portion to allow the T-bar grid to be positioned within the gap, the second portion having a generally vertically extending sidewall with a lower end for engaging an opposite {e}-side of the T-bar grid; and
    - an upper attachment portion operatively connecting the first portion to the second portion;
    - the first and second portions ~~configured to move~~ positioned relative to each other in order to secure the leg to the T-bar grid.
2. (Previously Presented) The support system of claim 1 wherein the first portion comprises a tongue and the second member comprises a frame structure extending around the tongue.

3. (Previously Presented) The support system of claim 1 wherein the sidewall of the first and second portions have inwardly protruding portions for retaining the T-bar grid to the fastening device.

4. (Previously Presented) The support system of claim 1 further comprising a second leg attached to the hub.

5. (Previously Presented) The support system of claim 1 wherein the hub defines an annular opening configured to receive the fire-protection sprinkler head.

6. (Previously Presented) The support system of claim 1 wherein the hub defines a circular opening configured to receive the fire-protection sprinkler head.

7. (Previously Presented) The support system of claim 1 wherein the hub comprises a plate and a sleeve, the sleeve defining an opening configured to receive the fire-protection sprinkler head.

8. (Previously Presented) The support system of claim 7 wherein the plate includes a plurality of sleeves.

9. (Previously Presented) The support system of claim 1 wherein the hub comprises a plate and a sleeve, the sleeve being an opening configured to receive the fire-protection sprinkler head.

10. (Previously Presented) The support system of claim 9 wherein the plate includes a plurality of sleeves.

11. (Previously Presented) The support system of claim 7 wherein the plate is attached to the leg with a fixing device configured to allow the position of the plate along the length of the leg to be adjusted.

12. (Currently Amended) The support system of claim 1 wherein further comprising a ~~the~~ flexible sprinkler assemblage , ~~the flexible sprinkler assemblage comprising:~~  
~~the flexible conduit; and~~  
further comprises ~~the~~ a fitting attached to the flexible conduit; and the fire protection  
sprinkler head is attached to the fitting.

13. (Previously Presented) The support system of claim 1 wherein the fastening device is configured to allow the position of the support system to slidably move along the T-bar grid.

14. (Currently Amended) The support system of claim 1 wherein the fastening ~~devices~~ device is configured to remain fastened to the T-bar grid during a seismic event measuring 3.5 or greater on the richter scale.

15. (Currently Amended) The support system of claim 1 wherein the fastening device ~~includes is in the form of~~ a clip.

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) A method of removably attaching a fire-protection sprinkler support system to a T-bar grid of a suspended ceiling, the method comprising:

providing a hub ~~configured to receive~~ for supporting and connecting a fire protection sprinkler head, ~~which is connected to a flexible conduit;~~

providing a flexible sprinkler assemblage including a flexible conduit attached to the fire protection sprinkler head;

attaching the fire protection sprinkler head to the hub;

attaching a leg to the hub; and

providing a fastening device attached to the leg, the fastening device comprising:

a first portion having a generally downwardly extending sidewall with a lower end ~~configured~~ for engaging one side of the T-bar grid;

a second portion spaced by a gap from the first portion to allow the T-bar grid to be positioned within the gap, the second portion having a generally downwardly extending sidewall with a lower end ~~configured~~ for engaging an opposite side of the of the T-bar grid; and

an upper attachment portion operatively connecting the first portion to the second portion;

attaching the fastening device to the T-bar grid of the suspended ceiling.

19. (Currently Amended) The method of claim 18 ~~comprising providing wherein the first portion forms~~ a tongue ~~configured as serving as~~ a cantilever spring ~~to the first portion comprises and providing a frame structure configured to extend around the tongue to the second portion for engaging the T-bar grid.~~

20. (Previously Presented) The method of claim 18 comprising providing inwardly protruding portions to the sidewalls of the first and second portions for retaining the T-bar grid to the fastening device.

21. (Previously Presented) The method of claim 18 further comprising providing a second leg attached to the hub.

22. (Previously Presented) The method of claim 18 further comprising providing the hub with an annular opening configured to receive the fire-protection sprinkler head.

23. (Previously Presented) The method of claim 18 further comprising providing the hub with a circular opening configured to receive the fire-protection sprinkler head.

24. (Previously Presented) The method of claim 18 further comprising providing the hub with a plate and a sleeve, the sleeve defining an opening configured to receive the fire-protection sprinkler head.

25. (Previously Presented) The method of claim 24 further comprising providing the plate with a plurality of sleeves.

26. (Previously Presented) The method of claim 18 further comprising providing the hub with a plate and a sleeve, the sleeve being an opening configured to receive configured to receive the fire-protection sprinkler head.

27. (Previously Presented) The method of claim 26 further comprising providing the plate with a plurality of sleeves.

28. (Previously Presented) The method of claim 24 further comprising attaching the plate to the leg with a fixing device configured to allow the position of the plate along the length of the leg to be adjusted.

29. (Currently Amended) The method of claim 18 further comprising ~~providing a flexible sprinkler assemblage, the flexible sprinkler assemblage including the flexible conduit; and~~ attaching a fitting to the sprinkler head ~~the flexible conduit; and~~ ~~attaching the sprinkler head to the fitting.~~

30. (Previously Presented) The method of claim 18 wherein the fastening device is configured to allow the position of the support system to slidably move along the T-bar grid.

31. (Previously Presented) The method of claim 18 wherein the fastening device is configured to remain attached to the T-bar grid during a seismic event measuring 3.5 or greater on the richter scale.

32. (Currently Amended) The method of claim 18 ~~providing~~ wherein the fastening device ~~with is~~ is a clip.

33. (Cancelled)

34. (Currently Amended) A fire-protection sprinkler support system comprising:  
a plate and sleeve defining an opening extending through the plate, the sleeve configured to receive the fire protection sprinkler head;

a flexible conduit;

a fastening device attached to the plate configured to removably attach the ~~sprinkler support system~~ plate to a T-bar grid of a suspended ceiling, each fastening device comprising:

a first portion having a generally vertically extending sidewall with a lower end configured for engaging one side of the T-bar grid;

a second portion spaced by a gap from the first portion, the second portion having a generally vertically extending sidewall with a lower end configured for engaging an opposite side of the T-bar grid;

an upper attachment portion operatively connecting the first portion to the second portion;

the first and second portions configured to move relative to each other to secure the leg to the T-bar grid.

35. (Previously Presented) The support system of claim 34 wherein the first portion comprises a tongue configured as serving as a cantilever spring and the second portion comprises a frame structure extending around the tongue.

36. (Previously Presented) The support system of claim 34 wherein the sidewall of the first and second portions have inwardly protruding portions for retaining the T-bar grid to the fastening device.

37. (Previously Presented) The support system of claim 34 wherein the sleeve comprises a first sleeve section and second sleeve section attached to the plate; and the first and second sections are joined by a connection, the connection being configured to allow the first and second sections to separate to receive the fire protection sprinkler head.

38. (Previously Presented) The support system of claim 34 wherein the sleeve defines an annular opening configured to receive the fire-protection sprinkler head.

39. (Previously Presented) The support system of claim 34 wherein the sleeve defines a circular opening configured to receive the fire-protection sprinkler head.

40. (Previously Presented) The support system of claim 34 wherein the plate and sleeve are an opening extending through the plate, the sleeve configured to receive the fire-protection sprinkler head.

41. (Previously Presented) The support system of claim 34 wherein the plate includes a plurality of sleeves.

42. (Previously Presented) The support system of claim 40 wherein the plate includes a plurality of sleeves.

43. (Previously Presented) The support system of claim 34 wherein the plate is attached to a leg with a fixing device configured to allow the position of the plate along the length of the leg to be adjusted.

44. (Previously Presented) The support system of claim 34 further comprising a flexible sprinkler assemblage, the flexible sprinkler assemblage comprising:  
the flexible conduit; and  
a fitting attached to the flexible conduit, and the sprinkler head is attached to the fitting.

45. (Currently Amended) The support system of claim 34 wherein the fastening ~~devices~~ device is configured to allow the position of the support system to slidably move along the T-bar grid.

46. (Currently Amended) The support system of claim 34 wherein the fastening ~~device~~ is device is configured to remain fastened to the T-bar grid during a seismic event measuring 3.5 or greater on the richter scale.

47. (Currently Amended) The support system of claim 34 wherein the fastening device ~~includes~~ is a clip.

48. (Cancelled)

49. (Cancelled)

50. (Currently Amended) A method of removably attaching a fire-protection sprinkler support system to a T-bar grid of a suspended ceiling, the method comprising:



providing a plate and sleeve defining an opening extending through the plate for supporting a fire protection sprinkler head, the sleeve configured to receive the fire protection sprinkler head which is connected to a flexible conduit; and

providing a fastening device attached to the plate configured to removably attach the ~~sprinkler support system~~ plate to the T-bar grid, the fastening device comprising:

a first portion having a generally vertically extending sidewall with a lower end configured for engaging one side of the T-bar grid;

a second portion spaced by a gap from the first portion, the second portion having a generally downwardly extending sidewall with a lower end configured for engaging an opposite side of the T-bar grid;

an upper attachment portion operatively connecting the first portion to the second portion;

a gap separating the first and second portions, the first portion being adapted to move relative to the second portion to vary the gap, the gap configured to receive at least a portion of the support rail;

attaching the fastening device to the T-bar grid of the suspended ceiling.

51. (Previously Presented) The method of claim 50 comprising:

providing a tongue to the first portion, configured as serving as a cantilever spring; and  
providing to the second portion a frame structure extending around the tongue.

52. (Previously Presented) The method of claim 50 comprising providing to the sidewalls of the first and second portions inwardly protruding portions for retaining the T-bar grid to the fastening device.

53. (Previously Presented) The method of claim 50 further comprising providing to the sleeve a first sleeve section and a second sleeve section attached to the plate; the first and

second sections being joined by a connection, the connection configured to allow the first and second sections to separate to receive the fire protection sprinkler head.

54. (Previously Presented) The method of claim 50 wherein the sleeve defines an annular opening configured to receive the fire-protection sprinkler head.

55. (Previously Presented) The method of claim 50 wherein the sleeve defines a circular opening configured to receive the fire-protection sprinkler head.

56. (Previously Presented) The method of claim 50 wherein the plate and sleeve are an opening extending through the plate.

57. (Previously Presented) The method of claim 50 comprising providing the plate with a plurality of sleeves.

58. (Previously Presented) The method of claim 56 comprising providing the plate with a plurality of sleeves.

59. (Previously Presented) The method of claim 50 comprising attaching the plate to the leg with a fixing device configured to allow the position of the plate along the length of the leg to be adjusted.

60. (Previously Presented) The method of claim 50 further comprising providing a flexible sprinkler assemblage, the flexible sprinkler assemblage including the flexible conduit; and attaching a fitting attached to the flexible conduit; and  
attaching the sprinkler head to the fitting.

61. (Previously Presented) The method of claim 50 wherein the fastening device is configured to allow the position of the support system to slidably move along the T-bar grid.

62. (Previously Presented) The method of claim 50 wherein the fastening device is configured to remain fastened to the T-bar grid during a seismic event measuring 3.5 or greater on the richter scale.

63. (Currently Amended) The method of claim 50 ~~providing~~ wherein the fastening device ~~with~~ is a clip.

64. (Cancelled)

65. (Cancelled)

66. (New) The support system of claim 1 further comprising the T-Bar grid of the suspended ceiling for supporting decorative panels.

67. (New) The support system of claim 7 wherein the sleeve comprises a first section and second section attached to the plate; and the first section and second section are joined by a connection, the connection being allowing the first section and the second section to separate to receive the fire protection sprinkler head.

68. (New) The support system of claim 9 wherein the sleeve comprises a first section and second section attached to the plate; and the first section and second section are joined by a connection, the connection being allowing the first section and the second section to separate to receive the fire protection sprinkler head.

69. (New) The method of claim 18 further providing a T-bar grid of a suspended ceiling for supporting decorative panels.

70. (New) The support system of claim 34 further comprising a T-bar grid of a suspended ceiling for supporting decorative panels.

71. (New) The support system of claim 34 further comprising the fire protection sprinkler head for dispersion a fire suppression fluid.

72. (New) The support system of claim 34 wherein the fastening device is attached to the plate by a leg.

73. (New) The method of claim 50 further comprising a T-bar grid of a suspended ceiling for supporting decorative panels.

74. (New) The method of claim 50 wherein the fastening device is attached to the plate by a leg.

75. (New) The method of claim 53 wherein the plate and sleeve are an opening extending through the plate.